



Horizon House  
Baldock Industrial Estate  
London Road  
Baldock  
Hertfordshire  
SG7 6NG  
Tel: 01462 896 818  
[www.aglairtesting.co.uk](http://www.aglairtesting.co.uk)



## **TECHNICAL SPECIFICATIONS FOR JEROME H<sub>2</sub>S ANALYSER**

With the push of a single button, the portable Jerome 631-XE Hydrogen Sulphide analyser displays low-level concentrations in seconds. It offers an analysis range of 0.003 - 50 ppm for odour and corrosion control, safety, and leak detection in such industries as wastewater treatment, oil and gas, pulp and paper, and farming.

Range	-	.001 to 50 ppm H <sub>2</sub> S
Resolution	-	.001 ppm H <sub>2</sub> S (up to .100 ppm)
Sensitivity	-	.003 ppm H <sub>2</sub> S
Precision	-	5% Relative Standard Deviation
Accuracy	-	Range 0: +/- .003 ppm at .050 ppm H <sub>2</sub> S Range 1: +/- 0.03 ppm at 0.50 ppm H <sub>2</sub> S Range 2: +/- 0.3 ppm at 5.0 ppm H <sub>2</sub> S Range 3: +/- 2 ppm at 25 ppm H <sub>2</sub> S

Response Time

### **Sample Mode**

10 to 50 ppm	-	13 seconds
1.0 to 9.9 ppm	-	16 seconds
0.10 to 0.99 ppm	-	25 seconds
.001 to .099 ppm	-	30 seconds

### **Survey Mode\***

10 to 50 ppm	-	3 seconds
1.0 to 9.9 ppm	-	6 seconds
0.10 to 0.99 ppm	-	15 seconds
.001 to .099 ppm	-	20 seconds

Flow Rate	-	150cc/min (0.15 litres/min = 150cc/min)
Power Requirements	-	115VAC or 230VAC, 115 watts maximum
Batteries	-	Rechargeable nickel cadmium
Construction	-	Aluminium Alloy
Dimensions	-	6"W X 13"L X 4"H
Weight	-	7 pounds
Digital Meter	-	Liquid Crystal Display
Operating Environmental Range	-	0 - 40°C, non condensing, non explosive
Data Output	-	1) Digital, Serial, RS232, Baud Rate 1200 2) Digital, Serial, RS232 Data Format, but with driver for 20 ma capability and 0 & 20 ma Logic Levels; Baud Rate 1200

Minimum logging interval: 1 min

Max number of data points: 999